



Ed Hassinger, District Engineer

## ADDENDUM 001 REQUEST FOR QUOTATION SL12-066-R7 Anti-Ice Units

Bidders shall acknowledge receipt of Addendum 001 (ONE) by signing and including it with original bid. The due date for receipt of this bid **does not change** by this Addendum. Accordingly, the following clarifications, additions/deletions, questions and answers are believed to be of general interest to all potential bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or type)	Name and Title of Department Authority  Stephanie Austin Rashid Sr. General Services Technician
Bidder Signature	Department of Transportation  <i>Stephanie Austin Rashid</i> Authorizing Signature
Signature of person authorized to sign	
Date Signed:	Date Signed: March 26, 2012

**This addendum includes questions and answers along with a Revised Pricing Page.**

**QUESTION 1:**

I need clarification if this IS or IS NOT a closed loop system.

**ANSWER:**

We will operate the system in open loop (manual), but want option for a closed loop system.

**QUESTION 2:**

A "Ground speed oriented" system will require a feedback signal to the system Control from either a GPS or Radar type set-up or by a transmission sensor / harness to the control. Which feedback set-up if any is to be provided and whom is to be the provider of this type of equipment?

**ANSWER:**

Our trucks are equipped with a Transmission sensor for the GL-400/ACS Hydraulic systems.

**QUESTION 3:**

If this is to be "closed loop system" requiring product flow rate information being fed back to the control unit, a "flow meter" will be required within the liquid output plumbing system and the "Brand" valve would not be a requirement. Please clarify.

**ANSWER:**

Answered with 1st question, system will be operated in "open loop" (manual), however please provide optional pricing for a "closed loop" system.

**QUESTION 4:**

If a "flow meter" is required for a closed loop system, whom is to provide the harness to the flow meter?

**ANSWER:**

Awarded vendor to provide components for "closed loop" system.

**QUESTION 5:**

Is the GL400 / ACS Control equipped to operate the electric controlled boom switches?

**ANSWER:**

No.

**QUESTION 6:**

Whom is to provide the harnessing to the boom valves?

**ANSWER:**

Awarded Vendor.

**QUESTION 7:**

The "Brand" valve is the system control valve, are chassis units which these are to be installed already equipped with a dedicated control valve spool in the hydraulic system or is this (the Brand Valve) required being equipped with the Anti-ice unit as included in your specification?

**ANSWER:**

On the ACS the valve is already there and on GL trucks MoDOT will install a special switch box that uses the auger section. "Brand" electric proportional control valve can be removed and is no longer a required specification.

## REVISED PRICING PAGES

### 4. PRICING PAGE

**4.1** The bidder shall provide a firm, fixed price in the table below for the original contract period for providing the deliverables/services in accordance with the provisions and requirements of this RFB. **All costs**, (including freight) associated with providing the required deliverables/services shall be included in the prices stated below. Sign where indicated below and return with all required solicitation documents.

QTY	U/M	Description	UNIT COST	EXTENDED COST	DELIVERY DATE ARO
16	Ea	Monroe Anti-Ice Unit, Slip In 1750 Gallon Slip in, Full Baffled <i>(or similar and functionally equivalent)</i> <b>For Open Loop system</b>  <b>(If bidding different unit indicate model/manufacture below):</b>     <i>*NOTE: Alternately bid units must meet all areas of specification of the above unit to be considered.</i>			
EST QTY	U/M	<b>Optional Pricing:</b> Monroe Anti-Ice Unit, Slip In 1750 Gallon Slip in, Full Baffled <i>(or similar and functionally equivalent)</i> <b>For Closed Loop system</b>  <b>(If bidding different unit indicate model/manufacture below):</b>     <i>*NOTE: Alternately bid units must meet all areas of specification of the above unit to be considered.</i>			
1	Ea				
EST QTY	U/M	<b>Optional Pricing (if available)**:</b> SSC2150 Control, Force America, <i>(or similar and functionally equivalent)</i> two function control with four auxiliary switches to operate auxiliary functions, such as 3 boom valves.  <ul style="list-style-type: none"> <li>The system will operate as manual or ground speed spreader control.</li> <li>The system will include required wiring harnesses</li> </ul>			
1	Ea				

\*Additional units as needed may be ordered. Pricing to remain in effective until December 31, 2012.

**\*\*We do not need controllers at this time, but would like pricing if option is needed at a later date. If you do not add optional pricing for controller, your bid will still be considered. Optional pricing for controller is not a requirement of this bid and will not affect the outcome. However, optional pricing for Anti-Ice Units for Closed Loop System is a requirement of this bid and must be listed.**

DATE:\_\_\_\_\_COMPANY:\_\_\_\_\_

TITLE:\_\_\_\_\_SIGNATURE:\_\_\_\_\_